

A. Salini

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/514,245

DATE: 09/14/2000  
TIME: 10:30:19

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ENTERED

3 <110> APPLICANT: JESTIN, Andre  
4 ALBINA, Emanuel  
5 Le CANN, Pierre  
6 BLANCHARD, Phillippe  
7 HUTET, Evelyne  
8 ARNAULD, Claire  
9 TRUONG, Catherine  
10 MAHE, Dominique  
11 CARIOLET, Roland  
12 MADEC, Francois  
14 <120> TITLE OF INVENTION: CIRCOVIRUS SEQUENCES ASSOCIATED WITH PIGLET WEIGHT LOSS DISEASE (PWD)  
16 <130> FILE REFERENCE: 065691/0176  
18 <140> CURRENT APPLICATION NUMBER: US 09/514,245  
19 <141> CURRENT FILING DATE: 2000-02-28  
21 <150> PRIOR APPLICATION NUMBER: FR 97/15396  
22 <151> PRIOR FILING DATE: 1997-12-05  
24 <160> NUMBER OF SEQ ID NOS: 170  
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199 Ala Lys Gln Glu Lys Arg Pro Ala Thr Pro		Glu Val Gly Val His		
200 20	25	30		
202 cct taataa tcc ttc cga gga gga aaa caa aat acg gga gct tcc				144
203 Pro Ser Phe Arg Gly Gly Lys Gln Asn Thr Gly Ala Ser				
204 35	40	45		
206 aat ctc cct ttt tga tta ttt tgt ttg tgg cga gga agg ttt gga aga				192
207 Asn Leu Pro Phe Leu Phe Cys Leu Trp Arg Gly Arg Phe Gly Arg				
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210 ggg tag aac tcc tca cct cca ggg gtt tgc gaa ttt tgc taa gaa gca				240
211 Gly Asn Ser Ser Pro Pro Gly Val Cys Glu Phe Cys Glu Ala				
212 65	70			
214 gac ttt taa caa ggt gaa gtg gta ttt tgg tgc ccc ctg cca cat cga				288
215 Asp Phe Gln Gly Glu Val Val Phe Trp Cys Pro Leu Pro His Arg				
216 75	80	85		
218 gaa agc gaa agg aac cga cca gca gaa taa aga ata ctg cag taa aga				336
219 Glu Ser Glu Arg Asn Arg Pro Ala Glu Arg Ile Leu Gln Arg				
220 90	95	100		
222 agg cca cat act tat cga gtg tgg agc tcc gcg gaa cca ggg gaa gcg				384
223 Arg Pro His Thr Tyr Arg Val Trp Ser Ser Ala Glu Pro Gly Glu Ala				
224 105	110	115		
226 cag cga cct gtc tac tgc tgt gag tac cct ttt gga gac ggg gtc ttt				432
227 Gln Arg Pro Val Tyr Cys Cys Glu Tyr Pro Phe Gly Asp Gly Val Phe				
228 120	125	130	135	
230 ggt gac tgt agc cga gca gtt tcc tgt aac gta tgt gag aaa ttt ccg				480
231 Gly Asp Cys Ser Arg Ala Val Ser Cys Asn Val Cys Glu Lys Phe Pro				
232 140	145	150		
234 cgg gct ggc tga act ttt gaa agt gag cgg gaa gat gca gaa gcg tga				528
235 Arg Ala Gly Thr Phe Glu Ser Glu Arg Glu Asp Ala Glu Ala				
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238 ttg gaa gac agc tgt aca cgt cat agt ggg ccc gcc cgg ttg tgg gaa				576
239 Leu Glu Asp Ser Cys Thr Arg His Ser Gly Pro Ala Arg Leu Trp Glu				
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243 Glu Pro Val Gly Pro Phe Cys Ala Gly His Leu Leu Glu				
244 185	190			
246 gcc tagtag aaa taa gtg gtg gga tgg ata tca tgg aga aga agt tgt				672
247 Ala Lys Val Val Gly Trp Ile Ser Trp Arg Arg Ser Cys				
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250 tgt ttt gga tga ttt tta tgg ctg gtt acc ttg gga tga tct act gag				720
251 Cys Phe Gly Phe Leu Trp Leu Val Thr Leu Gly Ser Thr Glu				
252 210	215	220		
254 act gtg tga ccg gta tcc att gac tgt aga gac taa agg ggg tac tgt				768
255 Thr Val Pro Val Ser Ile Asp Cys Arg Asp Arg Gly Tyr Cys				
256 225	230	235		
258 tcc ttt ttt ggc ccg cag tat ttt gat tac cag caa tca ggc ccc cca				816
259 Ser Phe Phe Gly Pro Gln Tyr Phe Asp Tyr Gln Gln Ser Gly Pro Pro				
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262 gga atg gta ctc ctc aac tgc tgt ccc agc tgt aga agc tct cta tcg	864
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264 255 260 265	912
266 gag gat tac tac ttt gca att ttg gaa gac tgc tgg aga aca atc cac	
267 Glu Asp Tyr Tyr Phe Ala Ile Leu Glu Asp Cys Trp Arg Thr Ile His	
268 270 275 280	960
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271 Gly Gly Thr Arg Arg Pro Ile Ser Ser Gly Pro Thr Leu Cys Pro	
272 285 290 295	1008
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275 Phe Pro Ile Asn Lys Leu Leu Ser Leu Phe Cys Tyr His Ile Val	
276 300 305 310	1056
278 atg gtt ttt att ttt att cat tta gag ggt ctt tca gga taa att ctc	
279 Met Val Phe Ile Phe Ile His Leu Glu Gly Leu Ser Gly Ile Leu	
280 315 320 325	1104
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287 Leu His Phe Gly Ala His Ser Pro Gly Leu Cys Ala Arg His Trp Cys	
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290 ggg tat tta aat gga gcc aca gct ggt ttc ttt tat tat ttg gct gga	
291 Gly Tyr Leu Asn Gly Ala Thr Ala Gly Phe Tyr Tyr Leu Ala Gly	
292 360 365 370	1248
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296 375 380 385	1296
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300 390 395 400	1344
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303 Tyr Arg Gly His Arg Pro Ser Trp Trp Arg Gly Leu Gln Ser Trp His	
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308 420 425 430	1440
310 ggt ctc tgg ggt aaa att cat att tag cct ttc taa tac ggt agt att	
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316 450 455 460	1536
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326 aga tac ccg tct ttc ggc gcc atc tgt aac ggt ttc tga agg cgg ggt	

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